

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141421.D
 Acq On : 04 Feb 2025 20:52
 Operator : RC/JU
 Sample : Q1216-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.1-012825

Quant Time: Feb 05 00:34:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74626	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	293999	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	165750	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	297752	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	264789	20.000	ng	#-0.02
86) Perylene-d12	15.416	264	216090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	672536	138.354	ng	0.01
7) Phenol-d6	6.428	99	765083	123.724	ng	-0.01
23) Nitrobenzene-d5	7.351	82	602942	108.113	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268296	176.563	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1121549	104.149	ng	-0.02
79) Terphenyl-d14	12.904	244	1477098	86.029	ng	-0.01

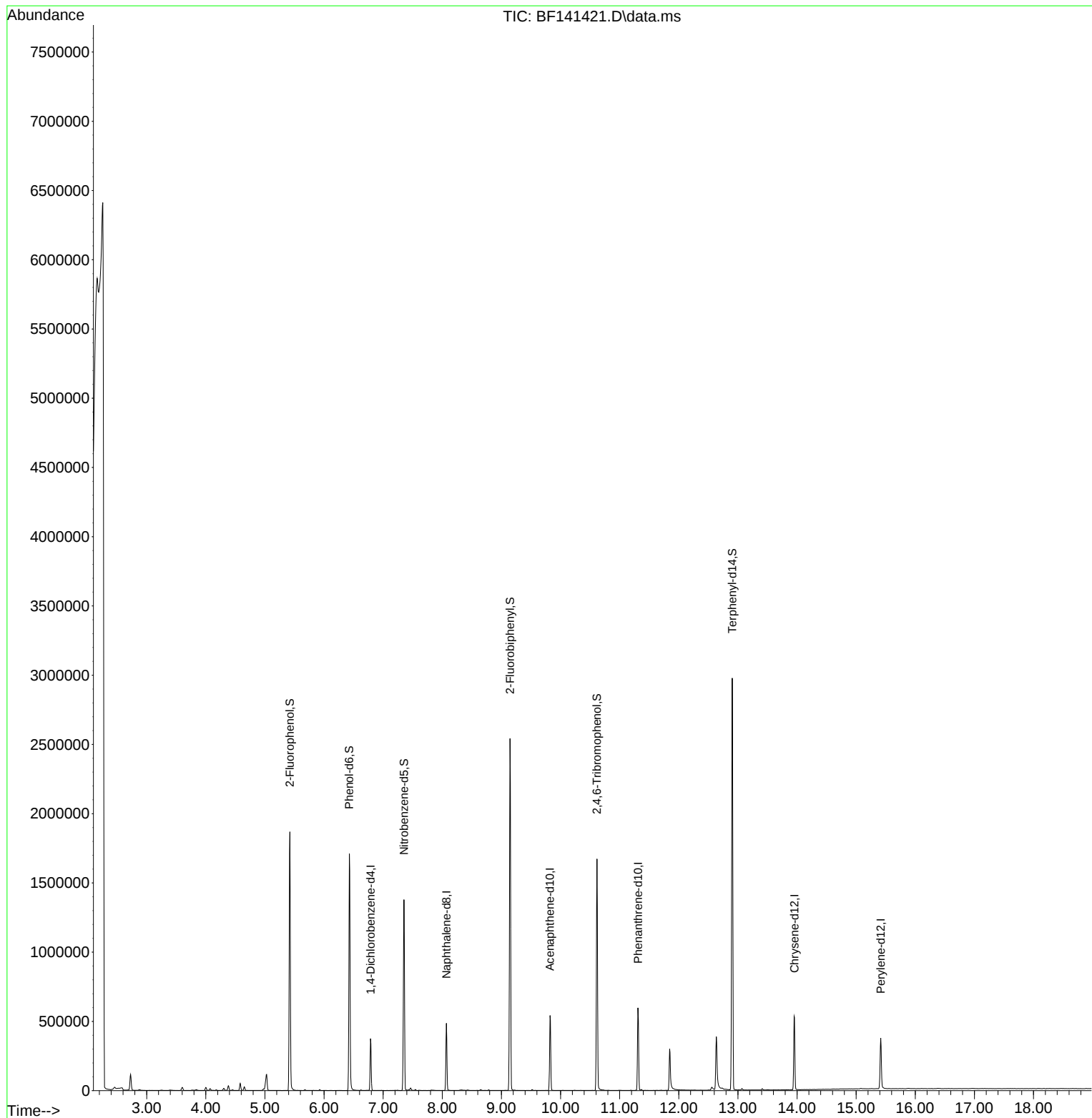
Target Compounds	Qvalue

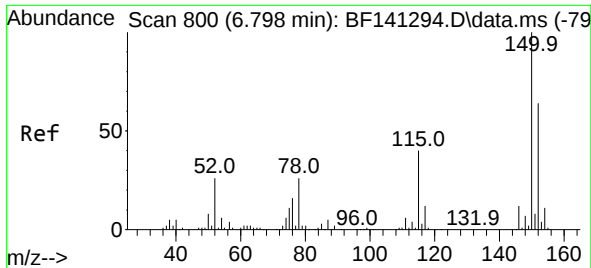
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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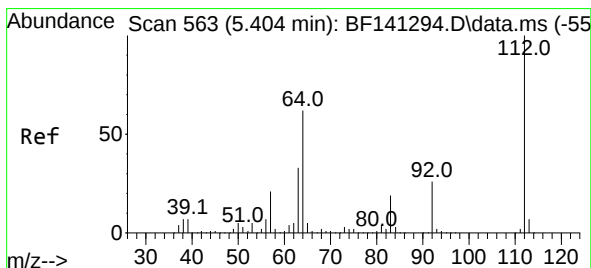
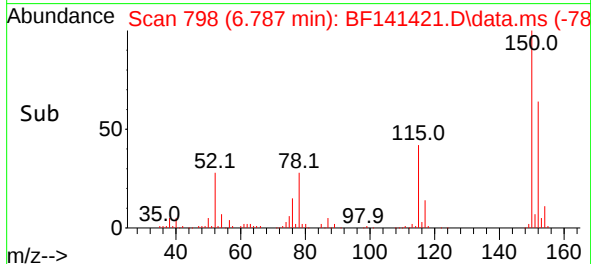
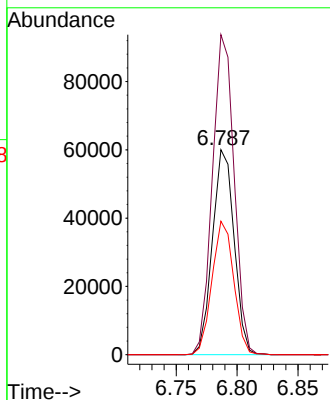
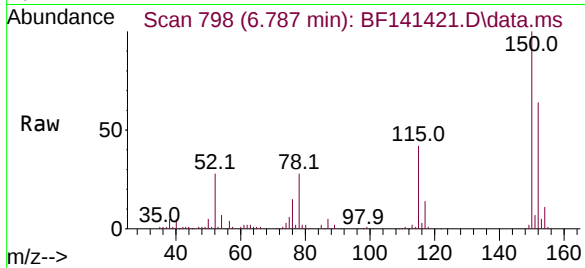




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.017 min
 Lab File: BF141421.D
 Acq: 04 Feb 2025 20:52

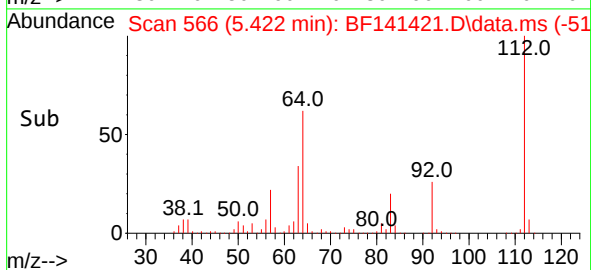
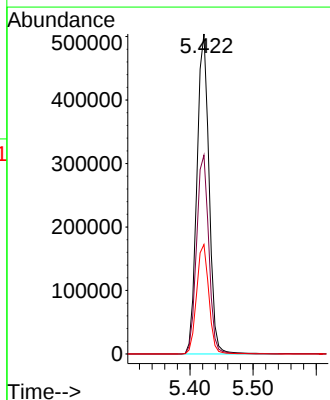
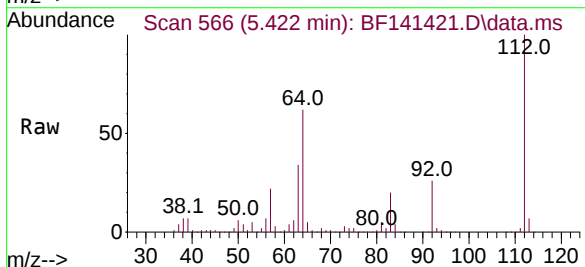
Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.1-012825

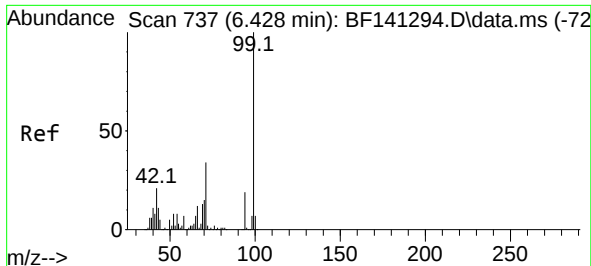
Tgt Ion:152 Resp: 74626
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 65.1 49.7 74.5



#5
 2-Fluorophenol
 Concen: 138.354 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141421.D
 Acq: 04 Feb 2025 20:52

Tgt Ion:112 Resp: 672536
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.8 74.8
 63 34.2 26.1 39.1

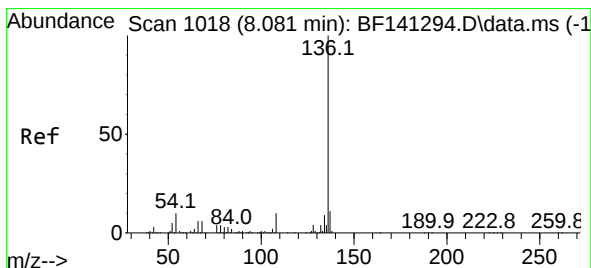
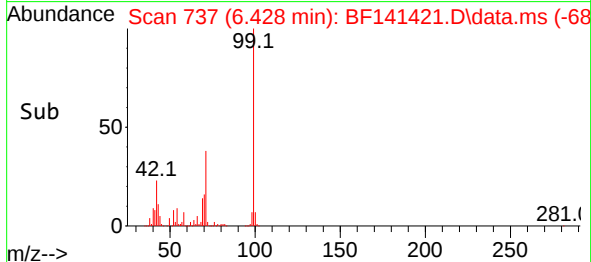
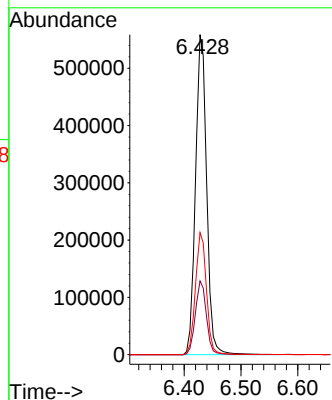
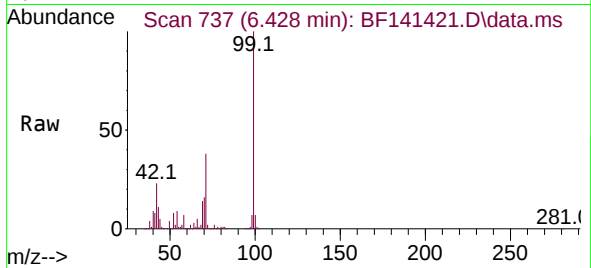




#7
Phenol-d6
Concen: 123.724 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

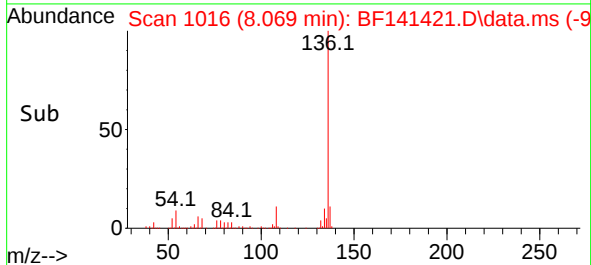
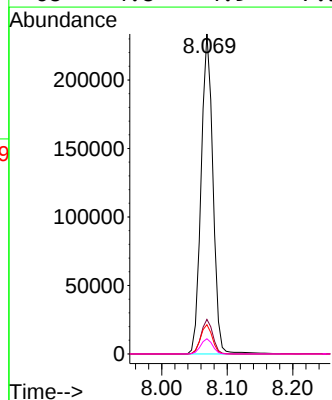
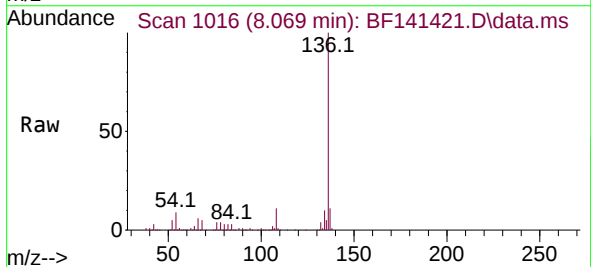
Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

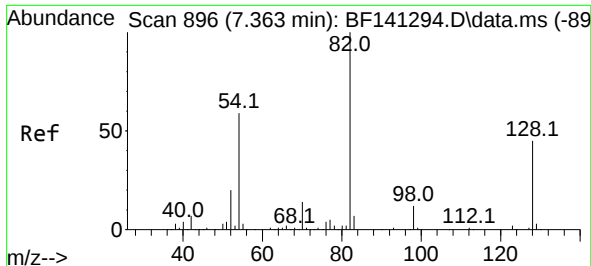
Tgt Ion: 99 Resp: 765083
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:136 Resp: 293999
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.8
68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 108.113 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141421.D

Acq: 04 Feb 2025 20:52

Instrument :

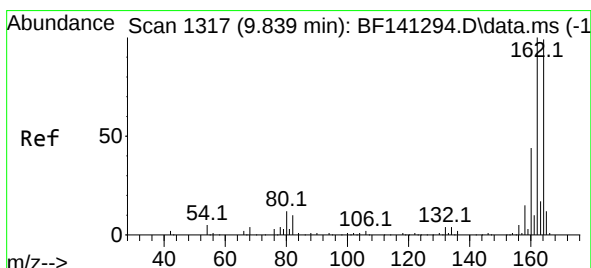
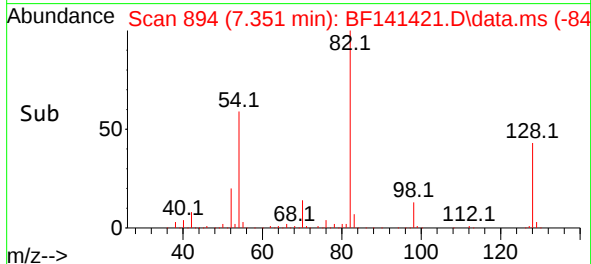
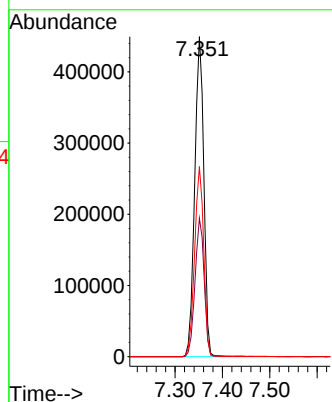
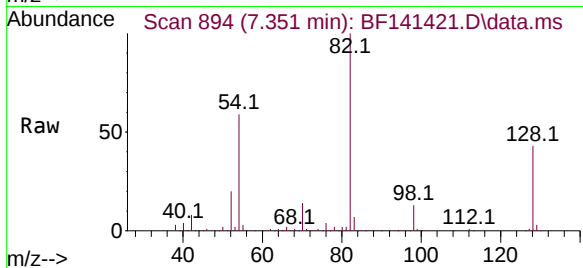
BNA_F

ClientSampleId :

JPP-21.1-012825

Tgt Ion: 82 Resp: 602942

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	59.4	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

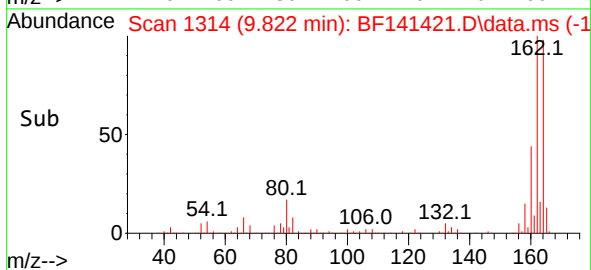
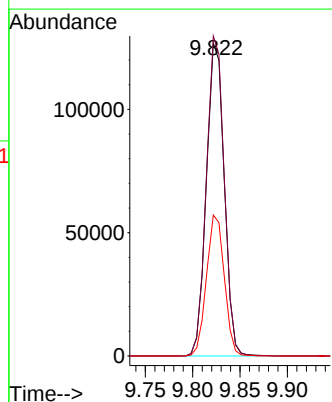
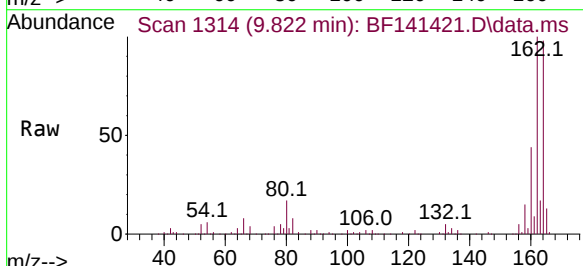
Delta R.T. -0.018 min

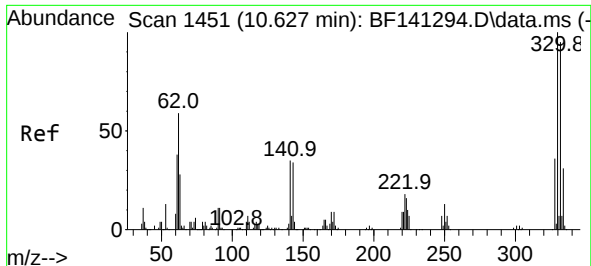
Lab File: BF141421.D

Acq: 04 Feb 2025 20:52

Tgt Ion:164 Resp: 165750

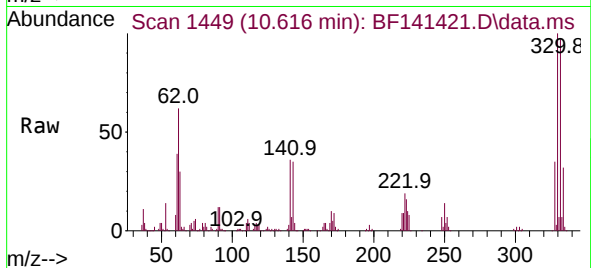
Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	45.0	35.8	53.6



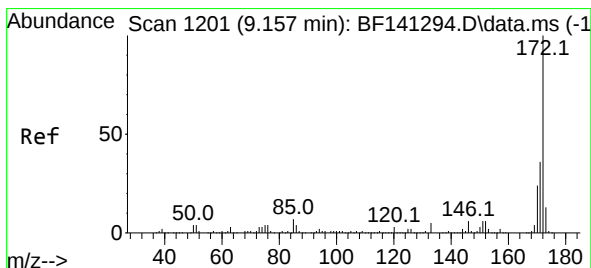
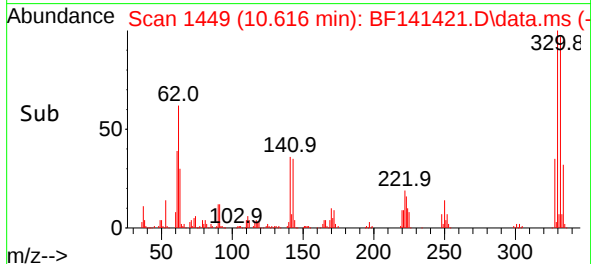
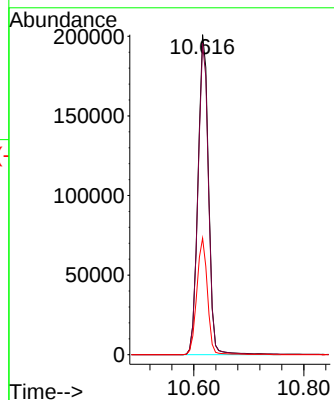


#42
2,4,6-Tribromophenol
Concen: 176.563 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

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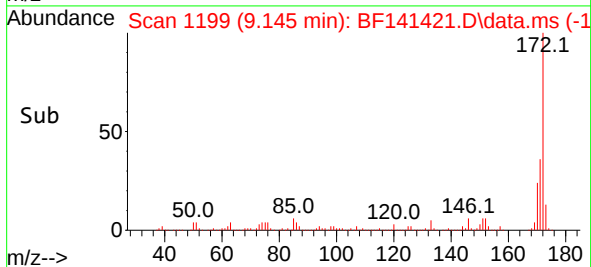
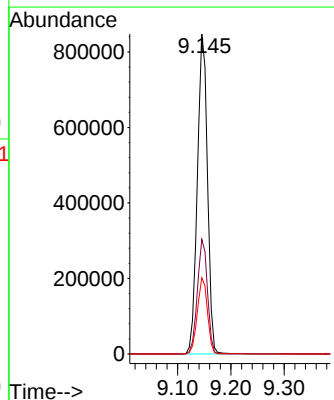
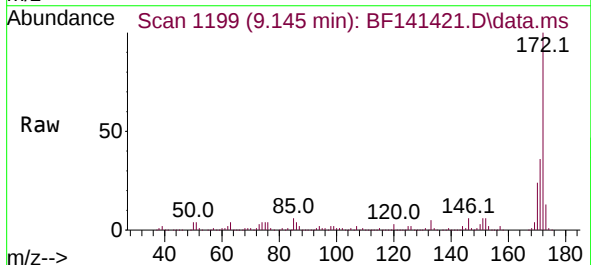


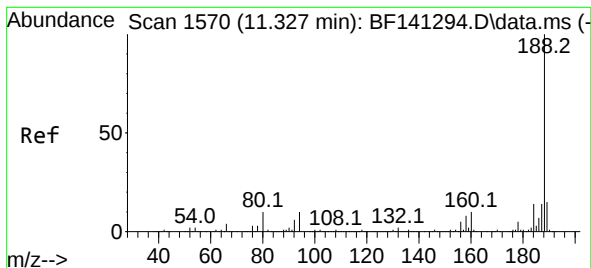
Tgt Ion: 330 Resp: 268296
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 36.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 104.149 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion: 172 Resp: 1121549
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141421.D

Acq: 04 Feb 2025 20:52

Instrument :

BNA_F

ClientSampleId :

JPP-21.1-012825

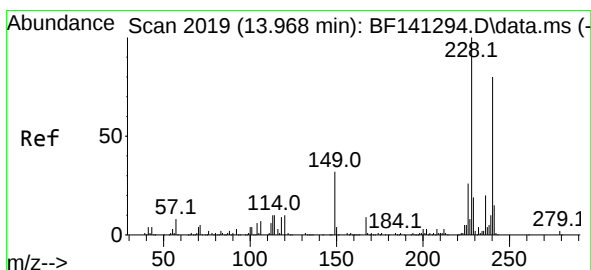
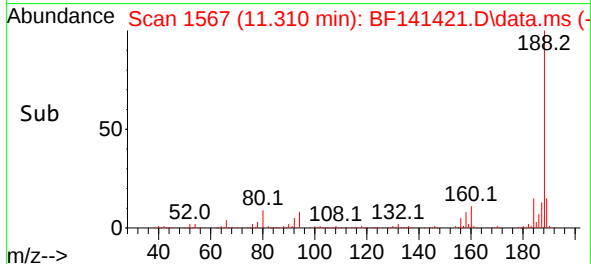
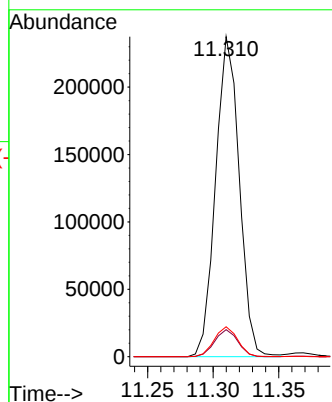
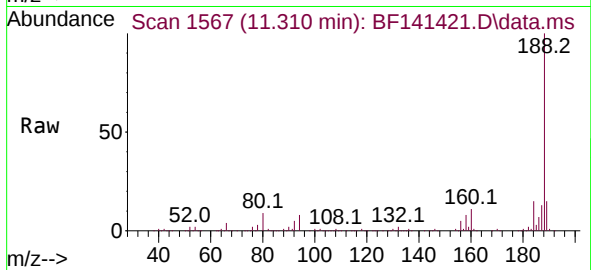
Tgt Ion:188 Resp: 297752

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

80 9.3 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141421.D

Acq: 04 Feb 2025 20:52

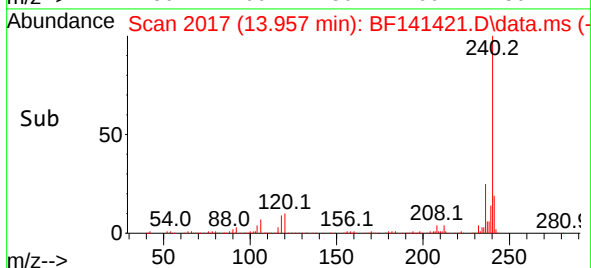
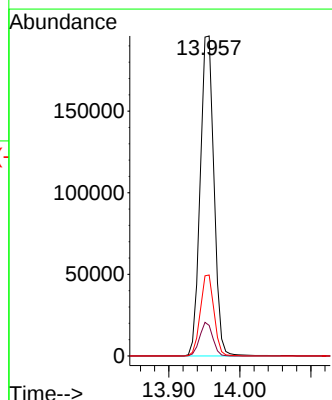
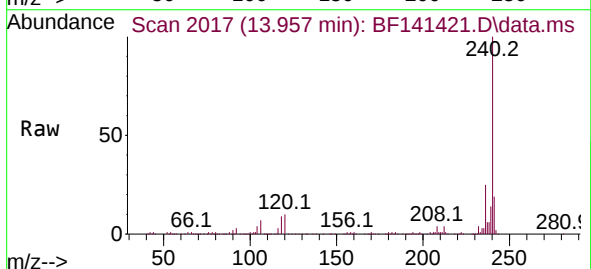
Tgt Ion:240 Resp: 264789

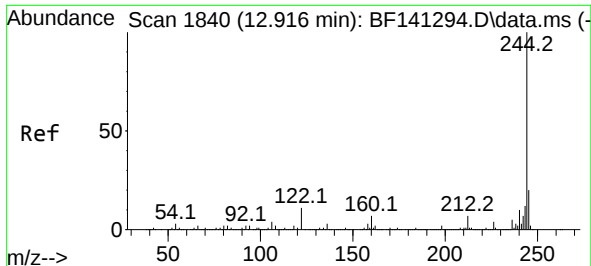
Ion Ratio Lower Upper

240 100

120 9.5 10.0 15.0#

236 25.3 19.7 29.5

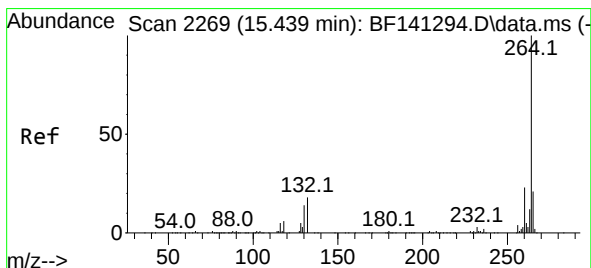
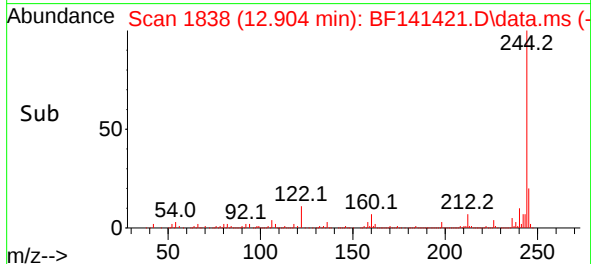
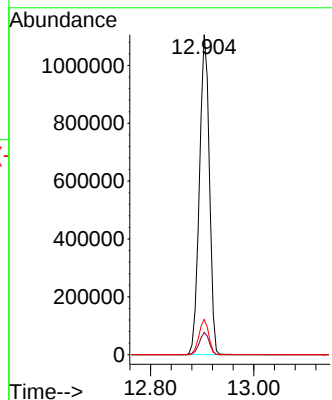
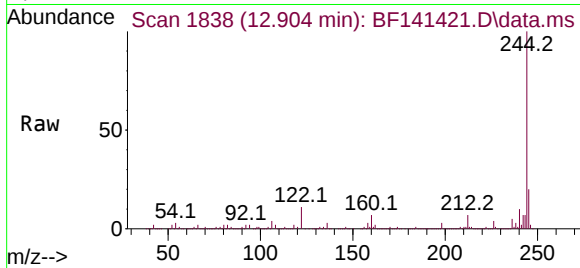




#79
 Terphenyl-d14
 Concen: 86.029 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141421.D
 Acq: 04 Feb 2025 20:52

Instrument :
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 JPP-21.1-012825

Tgt Ion:244 Resp: 1477098
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141421.D
 Acq: 04 Feb 2025 20:52

Tgt Ion:264 Resp: 216090
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.1 16.7 25.1

